Highway Crossing Mast Mechanical Attachments

(Junction Box Bases, Pinnacles, Rodent Covers, Wind Guards)

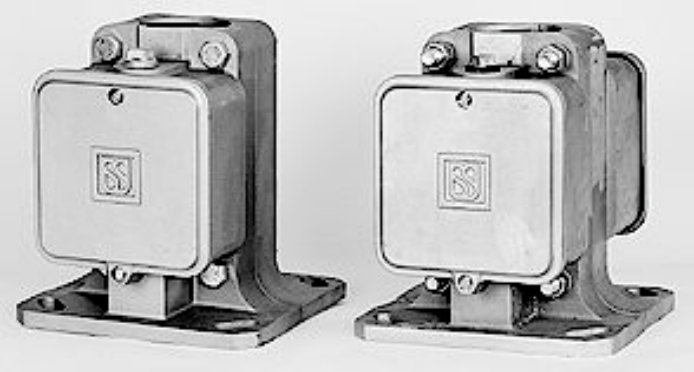
General Description

ASTS USA provides a full selection of industry-standard attachments to expedite the construction of the entire highway crossing mast assembly. Heavy duty split-based junction box bases are provided for 4" or 5" (10.2 cm or 12.7 cm) masts. These 2-piece units incorporate a bolt-on side plate to access an internal AREMA wiring terminal strip (12 terminals).

For the top of the mast, ASTS USA provides 4" or 5" (10.16 cm or 12.7 cm) pinnacle when a bell is not installed.

A rodent cover is provided to protect wiring entering the mast inside the junction box base. This part is secured with mounting tabs inside the base.

ASTS USA wind guard brackets keep the crossing gate arms from swaying excessively in high winds when in the up position. Two versions can be ordered, including a rigid model with tubular aluminum arms, and a flexible model with an adjustable arm holding depth.



Ordering Information

- Refer to ordering tabulations for junction box bases, pinnacles, rodent covers and wind guards.
- For junction box bases, foundation nuts, bolts and washers required if the signal foundation poured on-site. Contact your ASTS USA Account Executive for ordering information.
- Contact your ASTS USA Account Executive for any special designs or configurations required.

	Junction Box Bases	
Order No.	Mast Diameter	Bolt Spacing
79685041	4"	9-1/2" x 9-1/2"
J705049-0801	5"	11-11/16" x 11-11/16"

Order No.	**Wind Guards**
J705191-5822	Flexible Wind Bracket for Gate Arms
J705191-5820	Rigid Wind Bracket for Gate Arm

	Pinnacles and Rodent Covers	
Order No.	Description	Mast Diameter
J026104	Pinnacle	4"
J026111	Pinnacle	5"
M451195-3601	Rodent Cover	4"
M451195-3602	Rodent Cover	5"

4" = 10.16 CM
5" = 12.70 CM
9-1/2" = 9.5" = 24.13 CM
11-11/16" = 11.69" = 29.69 CM

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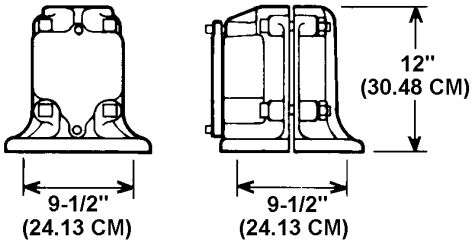
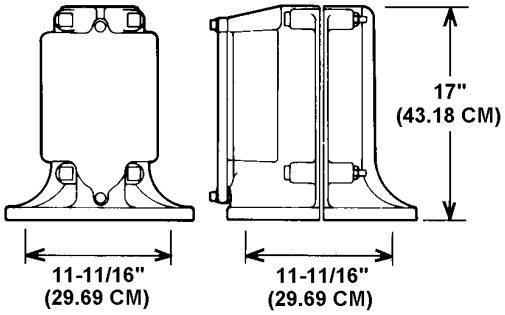
4” Junction Box Base

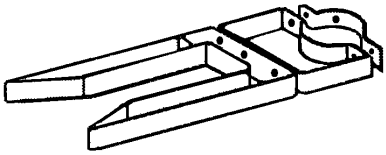


5” Junction Box Base

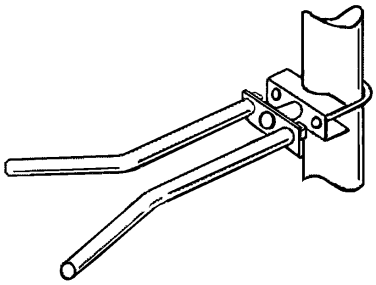


Gate Arm Wind Brackets

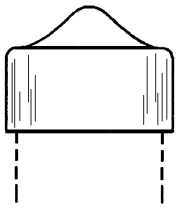
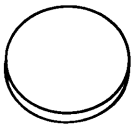
Flexible Design



Rigid Design



Pinnacle



Rodent Cover